

**I claim**

1. An auxiliary device for editing document, comprising  
a computer peripheral having an internal circuit with a single-chip  
microprocessor; and  
5 a modular key set with document editing function; the modular key set  
arranged on the computer peripheral and connected to an I/O bus of the  
single-chip microprocessor; the single-chip microprocessor generating a pseudo  
composite-key code corresponding to a key in the modular key set pressed by a  
user; whereby the user can directly edit document by using the modular key set  
10 provided on the computer peripheral.

2. The auxiliary device for editing document as in claim 1, wherein a  
short-cut key is further provided on the computer peripheral to invoke an  
associated program.

3. The auxiliary device for editing document as in claim 1, wherein the  
15 computer peripheral is provided with a plurality of composite keys and the  
functions of the composite keys are control by a switch key, the switching state  
of the switch key can be manifested by a light-emitting element.

4. The auxiliary device for editing document as in claim 1, wherein the  
composite keys are function keys F1-F12.

20 5. The auxiliary device for editing document as in claim 1, wherein the  
code conversion of the composite-key code can be embodied by sending  
specific code to a code-conversion application software

6. The auxiliary device for editing document as in claim 1, wherein the  
computer peripheral is a keyboard.

7. The auxiliary device for editing document as in claim 1, wherein the modular key set is composed of cut key, paste key, copy key and mark key.

8. The auxiliary device for editing document as in claim 1, wherein the key code of the modular key set has separation larger than 1.5-2ms.

5 9. The auxiliary device for editing document as in claim 1, wherein the modular key set is arranged beside the Shift key on keyboard.

10. The auxiliary device for editing document as in claim 7, wherein the composite keys corresponding to the cut key is CTRL+X.

10 11. The auxiliary device for editing document as in claim 7, wherein the composite keys corresponding to the paste key is CTRL+V, or ALT+E, P

12. The auxiliary device for editing document as in claim 7, wherein the composite keys corresponding to the copy key is CTRL+C.

13. The auxiliary device for editing document as in claim 7, wherein the composite keys corresponding to the mark key is left Shift or right Shift.

15 14. The auxiliary device for editing document as in claim 3, wherein the composite keys including the functions of redo, undo, open, new, bold, save, find, forward and send.

15. The auxiliary device for editing document as in claim 14, wherein the composite-key code for redo is ALT+E, R

20 16. The auxiliary device for editing document as in claim 14, wherein the composite-key code for undo is ALT+E, U

17. The auxiliary device for editing document as in claim 14, wherein the composite-key code for bold is CTRL+B.

18. The auxiliary device for editing document as in claim 14, wherein the

composite-key code for open is CTRL+O, or ALT+F, O

19. The auxiliary device for editing document as in claim 14, wherein the composite-key code for new is CTRL+N, ALT+F, N.

20. The auxiliary device for editing document as in claim 14, wherein the  
5 composite-key code for save is CTRL+S, or ALT+P, S

21. The auxiliary device for editing document as in claim 14, wherein the composite-key code for find is CTRL+F, or CTRL+E, F.

22. The auxiliary device for editing document as in claim 14, wherein the composite-key code for forward file is ALT+F+D.

10 23. The auxiliary device for editing document as in claim 13, wherein the composite-key code for send file is ALT+S.

24. The auxiliary device for editing document as in claim 13, wherein the composite-key code for short-cut key is CTRL+ALT+ specific non-shift key.

15 25. The auxiliary device for editing document as in claim 1, wherein the pseudo composite-key code comprises the combination of operations such as pressing, releasing and pressing again over those keys shift, CTRL and ALT is also embraced in the scope of the present invention.